

**OLEFIN OLIGOMERIZATION PROCESS**

**ABSTRACT**

In a process for oligomerizing a C<sub>2</sub> to C<sub>6</sub> n-olefin feedstock over surface deactivated ZSM-23, the feedstock contains from about 0.1 wt% to about 25 wt% of an iso-olefin and the C<sub>12</sub>+ fraction of the oligomerized olefin product contains less than 0.5 atom% of quaternary carbon atoms.